Petr Stepanov

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EDUCATION

Doctorate (graduating May 2019)

Bowling Green State University bgsu.edu   *Sept 2014 – now*

Major: photochemical sciences.

Research field: material sciences, with significant amount of Computer Science.

Bachelor's and Master's degree

National Research Nuclear University mephi.ru/eng   *Sept 2004 – Feb 2011*

Department: theoretical and experimental physics.

Major: condensed matter physics.

Thesis: computational analysis of experimental spectra

RELEVANT COURSES

British Higher School of Art & Design britishdesign.ru/en/   *Dec 2011 – Feb 2012*

Department: graphical design and visual communications.

Skills: introduction to the major tricks and instruments of visual communication; understanding basics of fonts and lettering, graphical language, brand identity, and advertising campaigns.

COMPUTER SKILLS

Basic skills: Jira, Git, SVN, SSH, HTTP, Terminal usage. MVC/MVP design patterns. Familiar with following IDEs: Eclipse, NetBeans; Atom, Visual Studio Code.

Communication design (UI/UX): Sketch, Figma, Adobe XD, Adobe Photoshop, Adobe Illustrator, Blender.

Desktop applications: Java and Swing, C/C++ and Qt, compiling from source (gcc, clang, GNU makefiles), Fortran 95.

Frontend: HTML, CSS (LESS and SASS), Bootstrap 3 and 4, responsive web design, JavaScript and jQuery, npm, gulp, WordPress themes development, GWT, familiar with AngularJS, React.js and Backbone.js.

Backend: Node.js, EJS, PHP, Java.

iOS mobile development: basic swift skills, developing the UI (reusable views and constraints).

WORK EXPERIENCE

Freelance Frontend Developer   *Sept 2014 – now*

Developing frontend part of a number of websites, web-apps and mobile applications. Creating branding identity for applications: logos, UI sketches and interactive prototypes (Sketch, Photoshop, Adobe XD).

Creating simple static landing pages (gulp, SCSS, Bootstrap, Jekyll) and web apps with MongoDB, Node.js, EJS, and modular JavaScript.

As a part of a team worked on cross-platform mobile applications (Ionic framework).

[Check out my profile on Dribbble](#)

Research Assistant, Software Developer   *Sept 2014 – now*

Bowling Green State University   [selimlab.com](#)

Developing desktop software for a number of facilities in the lab (wireframing, building UI and MVC). Mainly using C++ and Qt, sometimes Java with Swing. Redesigning and maintaining the research group website.

Built a scientific conference website with registration and payment system workflow (WordPress themes development, PHP, Recurly.js).

UI/UX Designer, Frontend Web Developer   *Apr 2011 – Aug 2014*

Gridnine Systems   [gridnine.com](#)

Prototyping conceptual wireframes and visual mock-ups. Developing frontend part of a number of web applications with Google Web Toolkit, JavaScript, Backbone.js and Require.js. Responsive layout with SASS and LESS. Doing some server-side backend programming with Java.

Engineer, Software Developer   *Oct 2006 – Mar 2011*

Institute for Theoretical and Experimental Physics   [itep.ru](#)

Building desktop software for fitting, plotting and interpretation of experimental spectra (C++, Qt, CERN ROOT libraries, OpenGL).

PROFESSIONAL NETWORKS

LinkedIn: [linkedin.com/in/petrstepanov/en](#)

Dribbble: [dribbble.com/petrstepanov](#)

Behance: [behance.net/petrstepanov](#)

GitHub: [github.com/petrstepanov](#)

ResearchGate: [researchgate.net/profile/Petr_Stepanov2](#)